

REMARKS

Claims 1, 3-6, 8-11 and 13-23 are pending. Claims 1 and 9-11 are amended. Support for the amendments to claim 1 and 11 can be found in the specification at paragraphs [0074] - [0085]. Claims 9 and 10 are amended for clarification. No new matter has been added.

I. Interview Summary

Applicant appreciates the courtesies shown to Applicant's representative by Examiner Olaniran in the May 22, 2008 personal interview. Applicant's separate record of the substance of the interview is incorporated into the following remarks.

I. Claim Rejections Under 35 U.S.C. §101

Claim 10 is rejected under 35 U.S.C. §101 for being directed to non-statutory subject matter, because claim 10 claims a modulated signal. Claim 10 has been amended to recite a computer-readable medium being encoded to perform the method of claim 1.

II. Claim Rejections Under 35 U.S.C. §112

Claim 8 is rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter. The Office Action asserts that claim 8 recites "and driving each of the hypersonic wavelets with one of the driving signals." However, the Office Action asserts that the antecedent referring to the hypersonic wavelets of claim 1 have a common frequency and amplitude while the hypersonic wavelets of claim 8 are driven by a combination of the output signals and therefore are not the same amplitude of frequency wavelets claimed in claim 1.

Claim 1 has been amended to overcome the indefinite issue. Thus, the hypersonic wavelets in claim 1 have been amended to the individual transducer outputs, and thus are different from the hypersonic wavelets of claim 8.

III. Claim Rejections Under 35 U.S.C. §103

Claims 1, 3-6, 8-11 and 13-23 are rejected under 35 U.S.C. §103 as being unpatentable over Yanagida (U.S. Patent Publication No. 2001/0043510) in view of Pompei (U.S. Patent Publication No. 2001/0007591). Applicant respectfully traverses the rejections.

Claim 1 is amended to recite "forming a plurality of individual transducer outputs of the signal at a plurality of phases," and "learning a set of parameters for optimal focus on said objects." Yanagida does not disclose the amended features. Also, Pompei does not cure the deficiencies of Yanagida. Neither Yanagida or Pompei disclose a method or system of associating a set of parameters for optimal focus on said objects, and transmitting audio information based on the parameters to one or more objects detected at locations, based on the associated set of parameters. Thus, Yanagida and Pompei do not disclose or suggest the subject matter recited in claim 1.

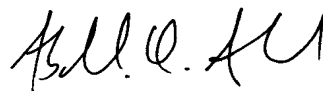
Furthermore, the dependent claims 3-6 and 8-10 are likewise patentable over the applied references for at least the reasons discussed above in connection with claim 1, from which they depend as well as for the additional features they recite. Thus, Applicant respectfully requests withdrawal of the 35 U.S.C. §103 rejection.

IV. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Request for Continued Examination

Date: July 30, 2008

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